To: Morgan, Ardra[Morgan.Ardra@epa.gov]; Daniell, Kelsi[daniell.kelsi@epa.gov]

Cc: Graham, Kathleen[Graham.Kathleen@epa.gov]; Garland, Jay[Garland.Jay@epa.gov]; Scalise,

Laura[Scalise.Laura@epa.gov] **From:** Beach, Christopher

Sent: Thur 2/15/2018 8:30:08 PM
Subject: RE: AWG CRADA Announcement

This is great. Thank you!

From: Morgan, Ardra

Sent: Thursday, February 15, 2018 3:25 PM

To: Beach, Christopher <beach.christopher@epa.gov>; Daniell, Kelsi <daniell.kelsi@epa.gov> **Cc:** Graham, Kathleen <Graham.Kathleen@epa.gov>; Garland, Jay <Garland.Jay@epa.gov>;

Scalise, Laura < Scalise.Laura@epa.gov> **Subject:** AWG CRADA Announcement

Chris and Kelsi,

Per our conversation, the attachment is the AWG CRADA announcement that was posted on the EPA internet site found here → https://www.epa.gov/ftta The announcement was originally posted in August 2017 and has since been removed from the site because the deadline for responses has passed.

Kathleen Graham is working on the figures regarding the number of CRADAs established and should have those to you shortly.

Feel free to contact any of us if you have questions or need additional information,

Best regards,

Ardra Morgan Deputy Director

Systems Exposure Division

National Exposure Research Laboratory Office of Research and Development

US Environmental Protection Agency (919) 541-3658

From: Escobar, Ronny

Sent: Monday, August 07, 2017 3:00 PM

To: Morgan, Ardra < Morgan. Ardra@epa.gov >; Bauer, Sarah < Bauer. Sarah@epa.gov >; Latham,

Michelle < Latham. Michelle@epa.gov >

Cc: Garland, Jay < Garland. Jay@epa.gov >; Cooper, Geoff < Cooper. Geoff@epa.gov >; Scalise,

Laura < Scalise. Laura@epa.gov >; Graham, Kathleen < Graham. Kathleen@epa.gov >

Subject: RE: AWG CRADA Announcement and General SOW

Hi Ardra,

The updated announcement is updated and live on our FTTA website.

https://www.epa.gov/ftta

Once on the site, scroll down to "Collaborating with EPA." There you will see *EPA Seeks Partners for Atmospheric Water Generation*. That link will take you to our flyer.

Please let me know if you have any questions.

Best regards,

Ronny L. Escobar | Acquisition Specialist

U.S. Environmental Protection Agency

Office of Research & Development, OARS

Partnership Management Branch, EMD

Washington, D.C. (+1) 202.564.4668

From: Morgan, Ardra

Sent: Monday, August 7, 2017 2:03 PM

To: Escobar, Ronny <<u>escobar.ronny@epa.gov</u>>; Bauer, Sarah <<u>Bauer.Sarah@epa.gov</u>>;

Latham, Michelle < Latham. Michelle@epa.gov >

Cc: Garland, Jay < Garland. Jay @epa.gov >; Cooper, Geoff < Cooper. Geoff@epa.gov >; Scalise,

Laura < Scalise. Laura@epa.gov >; Graham, Kathleen < Graham. Kathleen@epa.gov >

Subject: RE: AWG CRADA Announcement and General SOW

Ronny – Including the SOW not an absolute necessity and since it seems to be evolving as our discussions progress so let's go ahead and post the announcement without it. We have technical POCs listed if potential partners would like to ask questions.

Thanks much,

Ardra Morgan Deputy Director

Systems Exposure Division

National Exposure Research Laboratory Office of Research and Development

US Environmental Protection Agency (919) 541-3658

From: Escobar, Ronny

Sent: Monday, August 07, 2017 1:20 PM

To: Morgan, Ardra < Morgan. Ardra@epa.gov >; Bauer, Sarah < Bauer. Sarah@epa.gov >; Latham,

Michelle <Latham.Michelle@epa.gov>

Cc: Garland, Jay < Garland.Jay@epa.gov >; Cooper, Geoff < Cooper.Geoff@epa.gov >; Scalise,

Laura < Scalise. Laura@epa.gov >; Graham, Kathleen < Graham. Kathleen@epa.gov >

Subject: RE: AWG CRADA Announcement and General SOW

Hi Ardra,

Attached please find the announcement what FTTA will post on our internet webpage. I remember catching that typo. The only major difference is that I took out the last sentence that refers to an attached SOW. Do we have a final version of that to use? If not, the announcement that I created excludes that sentence.

Best.

Ronny L. Escobar | Acquisition Specialist

U.S. Environmental Protection Agency

Office of Research & Development, OARS

Partnership Management Branch, EMD

Washington, D.C. (+1) 202.564.4668

From: Morgan, Ardra

Sent: Monday, August 7, 2017 11:35 AM

To: Escobar, Ronny <<u>escobar.ronny@epa.gov</u>>; Bauer, Sarah <<u>Bauer.Sarah@epa.gov</u>>;

Latham, Michelle < Latham. Michelle @epa.gov>

Cc: Garland, Jay < Garland. Jay@epa.gov >; Cooper, Geoff < Cooper. Geoff@epa.gov >; Scalise,

Laura < Scalise. Laura@epa.gov >; Graham, Kathleen < Graham. Kathleen@epa.gov >

Subject: RE: AWG CRADA Announcement and General SOW

Yes Ronny – I updated the announcement below to reflect the 18th to provide interested parties a few business days to respond. Also, please note that I corrected a typo in the 5th line of the first paragraph of the announcement changing the word "will" to "in".

Thanks for your assistance.

Deputy Director Systems Exposure Division National Exposure Research Laboratory Office of Research and Development **US Environmental Protection Agency** (919) 541-3658 From: Escobar, Ronny Sent: Monday, August 07, 2017 11:21 AM To: Bauer, Sarah < Bauer, Sarah @epa.gov >; Morgan, Ardra < Morgan, Ardra@epa.gov >; Latham, Michelle <Latham.Michelle@epa.gov> Cc: Garland, Jay < Garland. Jay@epa.gov >; Cooper, Geoff < Cooper. Geoff@epa.gov >; Scalise, Laura < Scalise. Laura@epa.gov >; Graham, Kathleen < Graham. Kathleen@epa.gov > Subject: RE: AWG CRADA Announcement and General SOW Morning everyone, The last information that I received on August 3rd had a NLT COB 11th date. Is the new deadline the 18th? Please let me know and I will update the announcement, on our FTTA website, to the new date. Thanks! Best regards, Ronny L. Escobar | Acquisition Specialist U.S. Environmental Protection Agency Office of Research & Development, OARS

Ardra Morgan

Partnership Management Branch, EMD

Washington, D.C. (+1) 202.564.4668

From: Bauer, Sarah

Sent: Monday, August 7, 2017 10:38 AM

To: Morgan, Ardra < Morgan.Ardra@epa.gov >; Latham, Michelle < Latham.Michelle@epa.gov > Cc: Garland, Jay < Garland.Jay@epa.gov >; Cooper, Geoff < Cooper.Geoff@epa.gov >; Scalise,

Laura < Scalise.Laura@epa.gov >; Escobar, Ronny < escobar.ronny@epa.gov >; Graham,

Kathleen < Graham.Kathleen@epa.gov>

Subject: RE: AWG CRADA Announcement and General SOW

Please check the date in your announcement. Ours has the 11^{th} and I see that the date was changed to the 18^{th} .

Ronny can you please send us the PDF you created? We may need to change the date.

Thanks,

Sarah

Sarah Bauer

U.S. Environmental Protection Agency

ORD, OARS, EMD, PMB

Federal Technology Transfer Act (FTTA) Program Coordinator http://www.epa.gov/ftta 202-564-3267

Courier Address Sarah Bauer

U. S. Environmental Protection Agency MC 8106R

Ronald Reagan Building Room 51117

1300 Pennsylvania Avenue NW Washington, DC 20004 202-564-3267

From: Morgan, Ardra

Sent: Monday, August 07, 2017 8:25 AM

To: Latham, Michelle < <u>Latham.Michelle@epa.gov</u>>; Bauer, Sarah < <u>Bauer.Sarah@epa.gov</u>> **Cc:** Garland, Jay < <u>Garland.Jay@epa.gov</u>>; Cooper, Geoff < <u>Cooper.Geoff@epa.gov</u>>; Scalise,

Laura < Scalise. Laura @epa.gov >

Subject: RE: AWG CRADA Announcement and General SOW

Great! thanks very much Michelle.

Ardra Morgan Deputy Director

Systems Exposure Division

National Exposure Research Laboratory Office of Research and Development

US Environmental Protection Agency (919) 541-3658

From: Latham, Michelle

Sent: Monday, August 07, 2017 8:23 AM

To: Morgan, Ardra < Morgan. Ardra@epa.gov >; Bauer, Sarah < Bauer. Sarah@epa.gov >

Cc: Garland, Jay <Garland.Jay@epa.gov>; Cooper, Geoff <Cooper.Geoff@epa.gov>; Scalise,

Laura < Scalise. Laura @epa.gov>

Subject: RE: AWG CRADA Announcement and General SOW

I'll send the announcement once it's posted. We can also add it to the next Science Matters issue.

From: Morgan, Ardra

Sent: Friday, August 04, 2017 4:46 PM

To: Bauer, Sarah < Bauer. Sarah@epa.gov >

Cc: Garland, Jay < Garland. Jay@epa.gov >; Cooper, Geoff < Cooper. Geoff@epa.gov >; Scalise,

Laura < Scalise.Laura@epa.gov >; Latham, Michelle < Latham.Michelle@epa.gov >

Subject: AWG CRADA Announcement and General SOW

Importance: High

Hello Sarah,

Welcome back. Hope you enjoyed your vacation. Below is the CRADA announcement for posting. With regard to the SOW, I removed references to WaterGen so that it can be posted along with the announcement. I'm copying Michelle Latham on this email. She is the web communications lead for SSWR and will add a link to the announcement on the SSWR website once it's posted on the FTTA website.

Michelle – as we discussed, we would also greatly appreciate you distributing this announcement via the listsery for the SSWR seminar series.

As always, please feel free to contact me at the number below with any questions or concerns.

The US Environmental Protection Agency's Office of Research and Development is interested in establishing a Cooperative Research and Development Agreement (CRADA) with up to four non-federal partners for the purpose of investigating the potential use of atmospheric water generators (AWGs) in expanding the availability of water during shortages, contamination events and other interruptions of service. We anticipate the collaborative research efforts to result in a broad comparative framework to assess innovative technology such as AWG and alternative options under different scenarios and to provide better understanding of the, cost, benefits and trade-offs. Details about the research to be conducted and expected participant contributions are provided in the attached Statement of Work.

If you are interested in this opportunity, please submit a Letter of Interest to Dr. Jay Garland at garland.jay@epa.gov with a cc to Ms. Sarah Bauer at bauer.sarah@epa.gov, and Ms. Laura Scalise at Scalise.laura@epa.gov, NLT COB August 18, 2017. Please direct technical questions to Dr. Jay Garland or Dr. Michael Jahne at Jahne.michael@epa.gov. Administrative questions about the CRADA or its submission should be directed to Ms. Sarah Bauer.

Ardra Morgan Deputy Director

Systems Exposure Division

National Exposure Research Laboratory Office of Research and Development

US Environmental Protection Agency (919) 541-3658